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*The
Dahlia
Blue Book
for
1941*



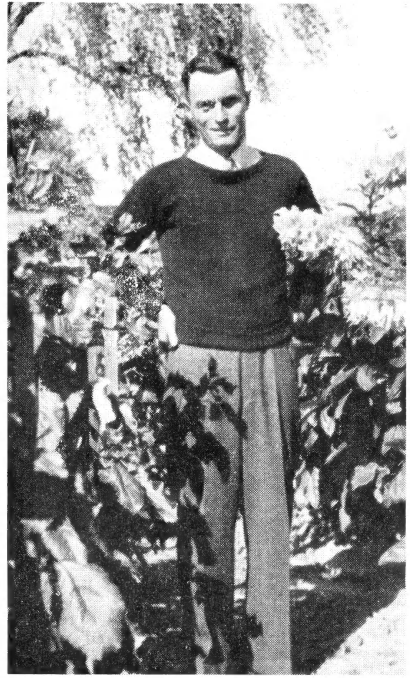
Rocky River Dahlia Gardens

19111 STORY ROAD

ROCKY RIVER, OHIO

NEW PHONE NO. CLeArwater 7509-J

G R E E T I N G S

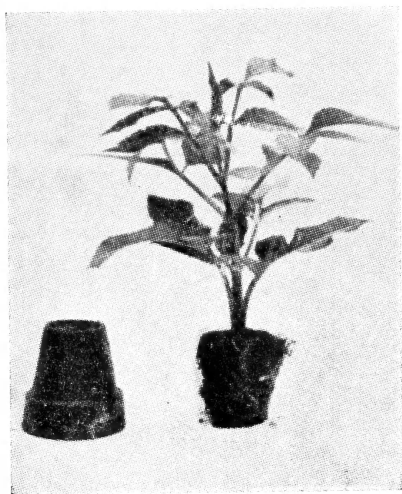


E. J. WIND

THE 1941 DAHLIA BLUE BOOK is planned as an aid in selecting dahlias of exceptional merit. Particular stress has been placed upon exhibition dahlias, since these represent the real "quality" dahlias. Even those who never intend to exhibit, will find the greatest satisfaction from growing the best, especially since they require no more space, care or cash outlay than dahlias of lesser merit.

It has been our policy to grow and produce stock that will give the ultimate in results when grown by our customers. We have concrete evidence of the appreciation of this policy in our constantly expanding volume of business. You, who have watched the growth of the DAHLIA BLUE BOOK from our first two-page folder price list, issued eleven years ago, have visual evidence of this customer appreciation. All who receive the DAHLIA BLUE BOOK have our assurance that this policy will be continued.

Dahlia Green Plants



DAHLIA GREEN PLANT

If you are interested in getting dahlias which are free of ring spot or other virus diseases, buy **ROCKY RIVER DAHLIA GARDENS'** green plants. We have propagated many of the older varieties for your protection. Our method, recommended by the Ohio Experimental Station, is your greatest assurance of "clean stock." We are able to detect the presence of ring spot in plants with almost 100% certainty.

Dahlia "green plants" or simply "plants" as we refer to them in this book are little dahlia plants grown from cuttings. The cuttings are taken from selected clumps which are started into growth in the greenhouses during the late winter months. As soon as the sprouts are long enough to handle, they are taken off and placed in a special rooting medium. When the cuttings are rooted they are potted into three inch pots in a soil selected, or prepared to hold together in shipment.

After potting, our plants are carefully grown and constantly watched to insure plants of highest quality. At just the right time they are moved from the greenhouses into cold frames for the extremely important and exacting "hardening" process.

Our plants are shipped to all parts of the country in paper shipping pots, carefully packed to insure safe arrival. Planting directions are sent with each shipment. (See also the paragraph on plants under "CULTURAL HINTS" in the back of this book.)

Properly grown plants produce flowers as early as flowers are produced from roots. As a rule the flowers from plants are superior. Growth, and total productivity of bloom, are equal to bushes grown from roots. Good clumps are formed for carrying the variety over winter. Plants are sold cheaper, not because of any difference in their worth, but because by use of careful propagation methods we are able to produce several plants from one root.

Our entire life to date has been spent as a grower of plants of all kinds, and this, supplemented by a technical education involving this subject, qualifies us to grow plants which are unsurpassed in the industry. The many highly appreciated letters which we receive each year bear out this contention. A rapidly expanding dahlia business has been largely founded on the superior quality of our plants. Regardless of your previous experience with plants, we strongly recommend that you give some of our plants a trial.

ROOTED CUTTINGS

Although we do not recommend the purchase of rooted cuttings by any other than experienced commercial plant growers, we will furnish high grade, well rooted cuttings of varieties which are listed in plants in this book. Prices are one-third less than the list price of plants.

General Information

Please Read Carefully

ORDER EARLY

Kindly place your order as early as possible. In order to impress upon our customers the importance of our having your order at once, we have discontinued our former policy of requiring a deposit with the order. Just send in your order. Later, if you desire, we shall be glad to make any changes to meet your final needs. Early orders will be rewarded with a nice variety as an extra. Indicate on your order when you wish to be billed for the roots or plants. Roots will be sent C. O. D., if desired, but we can not send plants in that way.

POSTAGE

We pay the regular postage on all retail orders. If plants are wanted "special delivery" or "special handling," include enough with remittance to cover the additional charges.

GUARANTEE

All stock shipped by the Rocky River Dahlia Gardens is guaranteed to be true to name, free from disease, and in good growing condition, upon arrival at its destination. Please report errors as soon as possible, for replacement.

PRICES

Our prices are for good quality stock, carefully grown and handled, and are as low as is consistent with good service, liberal replacement policies, extras that please, and the supply of the variety.

EXTRAS

We include an extra root or plant with each order of \$5.00 or more.

On orders of \$10.00 to \$ 20.00 you may select 10% additional.

On orders of \$20.00 to \$ 50.00 you may select 15% additional.

On orders of \$50.00 to \$ 75.00 you may select 20% additional.

On orders of \$75.00 to \$100.00 you may select 25% additional.

Have your friends order with you to take advantage of this generous offer.

ABBREVIATIONS

Straight cactus—St. C.; incurved cactus—In. C.; Semi cactus—S. C.; Informal decorative—I. D.; Formal decorative—F. D.

VARIETIES MARKED

Varieties marked with an asterisk (*) are of foreign origination.

HEIGHTS

Unless otherwise mentioned in the description of the variety, the plants are of medium height.

SALES TAX

Residents of Ohio must include the three percent sales tax with remittance.

TELEPHONE

CLearwater 7509 J.

CANADIAN CUSTOMERS

When ordering dahlias, first obtain permit to import from Department of Agriculture, Ottawa, Ontario, and send us the number of your permit with order. We must have this before shipment can be made.

CLUMPS

Entire clumps of varieties listed in this catalogue may be purchased at digging time in the fall. Write for prices, stating varieties desired.

CLASSIFICATION

As an aid to exhibitors, we have listed each of the large varieties in this catalogue, under the color and type classification as set up by the CENTRAL STATES DAHLIA SOCIETY. While we do not agree with the authors of this classification in every respect, we feel that it is the best and most comprehensive work of this nature, and a great aid in making entries with a minimum of confusion. Since the classification is undergoing revision from time to time, exhibitors are cautioned to check against the latest list issued by the CENTRAL STATES DAHLIA SOCIETY.

PINK AND ROSE

FORMAL DECORATIVE: Cavalcade, Jersey's Beauty, Miss Indiana, Nobleman, Victory.

INFORMAL DECORATIVE: California Rose, Cherokee Rose, Clara Carder, Everybody's Favorite, Elizabeth Rethberg, Katie K., Pink Giant, Winsome.

SEMI-CACTUS: Fanny Sandt, Hosianna, Miss Elsie Jane, Oriental Beauty.

CACTUS: Julius C. Bunge, Mascotte, Mrs. Herbert O'Connor.

FLAME

FORMAL DECORATIVE: Queen City, Volcano.

INFORMAL DECORATIVE: Adirondack Sunset, Burch Foraker, Forest Fire, Louisanna Rumba, Margrace, Pioneer City Bonfire.

SEMI-CACTUS: Nancy Ann Mitchell, Satan.

CACTUS: Angelus, Franz Berger, Miss Belgium.

LAVENDER AND MAUVE

FORMAL DECORATIVE: Dokoupil's Giant.

INFORMAL DECORATIVE: Jeffersonian, Progress, Robert Ripley.

SEMI-CACTUS: Bette Davis.

CACTUS: Mad Jussiant, Miss Ohio, Shirley Temple, Viola.

BLENDED

FORMAL DECORATIVE: Leah Pearl, My Delight, Miss Clio.

INFORMAL DECORATIVE: Freda George, Opal, Posie Moravy.

SEMI-CACTUS: Enkart's Prima, Jersey's Melody.

CACTUS: Berger's Jewel, Dominent, Greater Glory, Mad Breams, Paul Pfitzer, Renate Mueller, Reile, Saarland's Heimkehr, Sleepy Hollow, Your Lucky Star.

BI-COLOR

FORMAL DECORATIVE: Haslerova, Lois Walcher, Wm. H. Hogan.

INFORMAL DECORATIVE: Freckles, Kentucky Sportsman.

SEMI-CACTUS: Figaro, New Glory.

CACTUS: Flash, Laetare, Tannenberg.

WHITE

FORMAL DECORATIVE: Jersey's White Beauty, Miss Oakland, Darcy Sainsbury, White Abundance.

INFORMAL DECORATIVE: Alice May, Mother's Day, Mrs. Wm. Knudsen, Straight's White, White Hart.

SEMI-CACTUS: American Purity, Erlosung, Michigan White.

CACTUS: Ballego's Glory, Jersey's Dainty, Miss Santa Monica, Weisser Hirsch.

RED OR CRIMSON

FORMAL DECORATIVE: Fireball, Oakleigh Monarch.

INFORMAL DECORATIVE: Leland Stanford, Mrs. Geo. LeBoutillier, Murphy's Master-piece.

SEMI-CACTUS: Challenger, Corallina, Karl Bonawitz, Maffie, Red Jug, Scarlet Leader, Satan.

CACTUS: Dulcinea, Leiden's Elegance, Mad. Geo. Pezzant, Son of Satan.

YELLOW

FORMAL DECORATIVE: Buckeye King, Kentucky Sun, Rockley Moon, The Governor.

INFORMAL DECORATIVE: American Legion, Arelda Lloyd, California Idol, Kemp's Yellow Supreme, Lord of Autumn, Norma Morton.

SEMI-CACTUS: Frau O. Bracht, One Grand, Prachtkerl, Yellow Glory.

CACTUS: Beaute, Frau Ida Mansfield.

MAROON AND DARK MAROON

INFORMAL DECORATIVE: Anna Benedict, Cherokee Brave, El Rubio, Man o' War.

SEMI-CACTUS: Adolph Mayer, Virginia Rute.

CACTUS: Zephyr.

PURPLE OR VIOLET

FORMAL DECORATIVE: Deep Purple, Gloria Backer, Mason's Purple Beauty, Purple Mist, Saracen, Thos. A. Edison.

INFORMAL DECORATIVE: Burgundy, Eventide, Glamour, Hunt's Velvet Wonder, Kemp's Violet Wonder.

SEMI-CACTUS: Jean Trimbee.

CACTUS: Kardinal Von Rossum.

AUTUMN

FORMAL DECORATIVE: Honor Bright, Monarch of the East, Tom Workman, Tom Manning.

INFORMAL DECORATIVE: Autumn Beauty, Autumn Sunset, Carl G. Dahl, Curley Locks, Dahliaum, Golden Beauty, Jane Cowl, Mayor Frank Otis, Milton J. Cross, Mrs. C. B. Ambers, Nagel's Giant, Premier's Majestic, Rudolph's Giant, Sunrays.

SEMI-CACTUS: Rita Wells, Rudy Vallee.

CACTUS: Golden Standard, Hillside Gold, Primrose.

Join Your Dahlia Society

Dahlia societies are the backbone of dahlia interest and merit your active and financial support. Nearly every state, and many localities in these states, have societies working in the furtherance of general dahlia culture and the dissemination of information regarding all phases of this culture.

THE AMERICAN DAHLIA SOCIETY

Dues \$2.00 a year, including the societies "Bulletin" of about sixty-four pages, published quarterly. Secretary, C. Louis Alling, 251 Court Street, West Haven, Conn.

DAHLIA SOCIETY OF OHIO

Dues \$1.00 a year, including the societies monthly mimeographed "Bulletin" of two to four pages. Monthly meetings held in Cleveland. Secretary, P. J. Peters, 21890 Lorain Road, Rocky River, Ohio.

We shall be glad to make out your application, with our recommendation, to either of the above societies, or any other of your choice.

New Novelties for 1941

Each year we select, what we believe to be the finest new varieties, from the various published Honor Rolls. Some of our 1941 choices are listed below in plants at originator's prices. Others will be tested in our gardens during the coming season.

ALL AMERICAN S. C. (Salem) This is a semi-cactus with mulberry rose color, suffused salmon, and with wax yellow at the base of the petals. The petals twist somewhat and point in all directions. Plants are six feet high producing many large blooms. Flowers are held almost on top of the straight stems. **Plants \$7.50**

***CHARLOTTE E. COLLINS I. D. (New Zealand origin)** The color is a glorious, bright, orange flame with orange reverse. Petals are slightly rolled, twisted and pointed at the tips. The fairly large flowers are carried well above the plant on long stems. **Plant \$2.50**

CONFUCIUS S. C. (Ballay) This is one for the "largest bloom" classes. The color is a bright and striking coral red. The plant is a medium tall grower. Giant blooms are produced on long, strong, graceful stems. It is a free and early bloomer. **Plant \$10.00**

CROWNING GLORY In. C (Salem) Rose-pink with a cream white center. Blooms of very great size. When first opening it is semi-cactus but later becomes cactus in form. Stems are long and straight. Foliage good. **Plant \$10.00**

DORTHY LAMOUR St. C. (Ballay) True orange straight cactus of medium size. It will bloom early and abundantly, through the whole season. Plants are tall and strong growers. **Plant \$7.50**

GINGER RODGERS I. D. (Burks-Ruschmohr) A very large informal decorative, of glistening yellow. A profuse bloomer, with a most vigorous bush growth. Stems are long and strong. Some competent observers believe this one will supplant our present exhibition "yellows." **Plants \$5.00 Three for \$12.50**

HILLSIDE JOY S. C. (Bissell) The color is apricot shading to solid gold at the center, ivory reverse. The fairly large flowers are nicely carried on long, straight, stiff stems. It is very prolific. Good grower of medium height. **Plant \$5.00**

LYNN FOUNTAIN S. C. (Lee-Parella) Peach to spectrum red with shades of carmine red toward the tips, and with chrome yellow petaloids thruout the flower. One of the largest dahlias of the year; several thirteen inch flowers having been shown during the past season. **Plant \$7.50**

***MAD. ALVERT LOIX F. D.** A large, waxy white formal from Europe, with unusual substance. Stems are strong and straight. Vigorous plant. We saw this at Louisville, Ky. where it made the popular white formals look shabby. **Plant \$1.00**

MARY LYNN DUDLEY S. C. (Dudley-Ruschmohr) A very large, true carmine, semi-cactus whose outer petals have a rich velvety texture. It is bordeaux red at the center with lighter veining on the face of the almost black center. An excellent keeper. **Plant \$3.50, three for \$10.00**

MARY TAYLOR St. C. (Taylor) A fairly large straight cactus of grenadine pink with lemon-yellow center and flushed cream. A clear, bright flower with every petal revolute and absolutely straight out from the center. Highest scoring dahlia at Storrs trial ground in 1940. An excellent keeper. **Plant \$1.50**

MICHIGAN RADIANCE S. C. (Wolfe) An attractive, medium sized dahlia of great merit. Deep yellow center with brownish pink shadings toward the outer edges. We had this on trial under unfavorable conditions, in spite of which, we considered it the most beautiful of the numerous seedlings we grew for others. **Plant \$2.50**

***NATIONAL I. D.** A large one for the informal lavender classes. This English dahlia is a beautiful two tone combination of ruby red and lavender; the general color effect being lavender. A very prolific bloomer. **Plant \$2.50**

- *PYGMALION** In. C. A fairly large autumn colored cactus from Holland. Regarded as one of the finest cactus introduced in recent years. Outstanding at Chicago, where the only bloom shown was an easy winner. **Plant \$3.50**
- SNOWCREST** In. C. (Dahliadel) A medium size white incurved cactus. Long erect stems. Rugged, open bush growth. This one has many winnings to its credit. A free bloomer and good keeper. **Plant \$2.50**
- TROJAN** I. D. (Salem) Large sized blooms of a somewhat different color combination. Crimson red overlaid wax yellow and with yellow more pronounced on the reverse of the petals. A strong grower and free bloomer. The stems are long and strong. **Plant \$7.50**
- WHITE WINNER** F. D. (Wolfe) A long stemmed, full centered formal decorative. Unusual substance of flower. Tall, vigorous plants are covered with medium sized flowers from early until frost. A good producer even in the hottest weather. An excellent commercial sort. **Plant \$3.50**

General List of World's Best Dahlias

- ADIRONDACK SUNSET** I. D. (Parkway) A spectacular dahlia of good size. The color is scarlet with golden tips and bright orange at the base. Bushes are somewhat taller than average and quite vigorous. **Root .50, Plant .50**
- *ADOLPH MAYER** S. C. This excellent variety from Holland comes nearer to being black than any dahlia in this list. The deep garnet red flowers are of good size; the petals have a velvety appearance; and it keeps well when cut. Stems are ideal. A strong, freely branching plant, with dark green foliage. Abundant flowering habits. It is also a good root maker. **Root \$1.50, Plant .50**



ALICE MAY

- *ALICE MAY** I. D. This new one from Australia might well be described as a white Lord of Autumn. The blooms are large and of great depth. Stems, foliage, and substance are excellent. The low growing plants produce many fine exhibition blooms. We consider it the finest of all the large "whites." A very consistent winner at leading shows. **Root \$3.00, Plant \$1.00**

- AMERICAN LEGION** I. D. (American Dahlia Farms) Well grown blooms of this one can beat all in their class, or for "largest bloom in the show." Unfortunately, few growers are able to get maximum results with it, and for that reason it is not recommended to the casual grower. The bushes are tall and vigorous. Flowers are deep in addition to the large diameter. The color is soft picric yellow. **Root \$1.00, Plant .50**

- AMERICAN PURITY** S. C. (American Dahlia Farms) One of the largest white semi cactus varieties. It is especially good late in the season, altho it isn't a particularly late bloomer. It has more depth than any white in its class. **Plant .50**

ANGELUS In. C. (Parenica) A very large incurved cactus of striking color. The well formed flowers are borne well above the tall, vigorous bushes on perfect stems. The color is a deep blood red, shading to light lemon yellow at the base of the petals and at the tips. An early bloomer which produces a great number of flowers thruout the season. Very formidable on the exhibition tables.

Root \$5.00, Plant \$1.50

ANNA BENEDICT I. D. (Dahliadel) Always one of the most reliable and pleasing varieties in our gardens. The tall bushes are covered with rich, deep garnet red flowers thruout a long season. The flowers are of good substance and are carried well above the tall bushes on fine stems.

Root .50, Plant .50

ARELDA LLOYD I. D. (Lloyd) Best described as a yellow Jane Cowl, with identical bush growth, foliage, roots, and general behaviour.

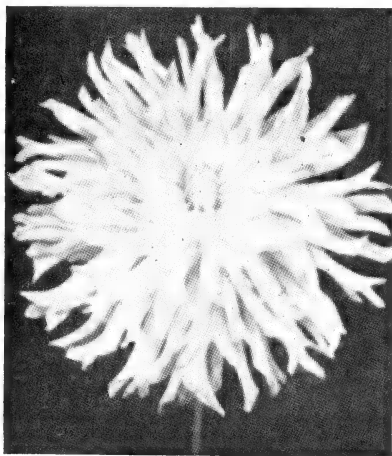
Root .50, Plant .50

AUTUMN BEAUTY I. D. (Wolfe) A desirable commercial flower of medium size. The general color effect is a light autumn. The stems are good. Blooms keep well when cut and they always leave an impression of neatness. Early and prolific. Bushy habits of growth. The plants have good, heavy foliage.

Root \$3.00, Plant \$1.00

AUTUMN SUNSET I. D. (Koenig) Light lemon yellow, lightly tinted spinel red. Medium sized flowers of good commercial form. Long stiff stems.

Root .75, Plant .50



BALLEGO'S SURPRISE

***BALLEGO'S SURPRISE** S. C. A real top-notch best described as a white Frau O. Bracht. Plants, however, have more vigor than the latter variety. A fine dahlia in the garden as well as one of the best exhibition and commercial varieties.

Plant .50

***BEAUTE** In. C. We regard this as our most satisfactory yellow cactus for all-around purposes. It does not mar as easily as most yellows. Flowers are of medium size, light lemon yellow in color; produced in profusion on strong plants. Stems are very good.

Root \$1.00, Plant .50

***BERGER'S JEWEL** In. C. A very useful and dainty cactus, greatly admired by our visitors. Suitable for exhibition, and especially fine in arrangements and baskets. The color is a soft lilac rose at the tips, shading to white at the base of the petals.

Plant .50

BETTE DAVIS S. C. (Cordes) A standout in its color and class as an exhibition variety. The large, well formed flowers are rosy lavender to deep lavender. Excellent stems.

Plant .50

BUCKEYE KING F. D. (Peck) A fairly large, amber gold formal of good formation, fine stems and good keeping qualities. Very useful for exhibition.

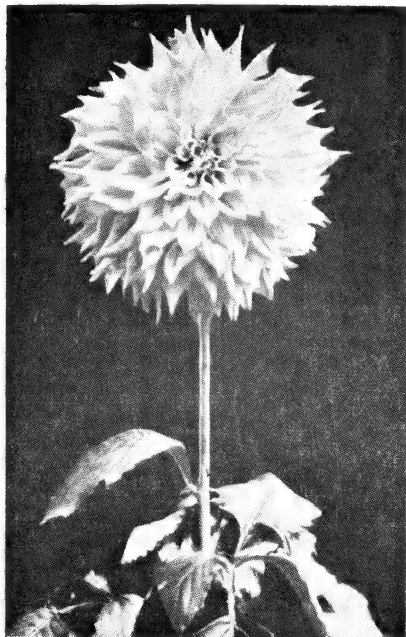
Root .75, Plant .50

BURCH FORAKER I. D.. (Slocum) Here is a dahlia which commands instant attention in the garden, because of its excellent growing habits and very large, brilliant, flame colored flowers. Stems and carriage of the flower are ideal. Bushes are tall.

Root \$2.00, Plant .75

BURGUNDY I. D. (Redfern) Large flowers of a wine-purple color. The plants are very strong and quite tall. Foliage is dark green and insect resistant.

Root \$1.00, Plant .50



CALIFORNIA IDOL

CALIFORNIA IDOL I. D. (Ballay) A giant, light, clear yellow that can win in any class of competition. We consider it the easiest of the big exhibition yellows to grow. The flowers have great depth and are set facing, on exceptionally long stems.

Root .75, Plant .50

CALIFORNIA ROSE I. D. (Ballay) A bright salmon rose of large size. Blooms early and profusely. Long stiff stems. Tall bushes.

Plant .50

CARL G. DAHL I. D. (Scott) A very large well formed flower with peculiar shadings of emberglow with a golden sheen and a sweetbriar reverse. Stems are excellent, holding the flower facing up. Recommended to those who like their dahlias big.

Root \$1.50, Plant .50

CAVALCADE F. D. (Groll) A medium sized flower of the commercial type. Fine stems, early and free bloomer. The color is deep rose with tones of rosy magenta.

Plant .50

CHALLENGER S. C. (Chappaqua) A lively, brilliant, cardinal red with gold at the base of the petals and some white petaloids throughout. A tall grower, recommended primarily as a garden sort.

Root .50, Plant .50

CHEROKEE BRAVE I. D. (Ricks) We consider this to be the best of the large exhibition "reds." The large, deep flowers are an attractive shade of ox-blood red, which holds the color well in hot weather. It blooms quite early and continues throughout the entire season. Excellent stems and foliage.

Root \$2.00, Plant .75

CHEROKEE ROSE I. D. (Ricks) This is one of the most consistent producers in our gardens. The flowers are medium to large in size, and of more than average depth. The color varies from lilac pink to a warm rose pink. Plants are tall and freely branching. Flowers keep well, either on the bush or after cutting.

Root \$1.50, Plant .50c

***CLARA CARDER** I. D. Large, attractive flowers of a pleasing shade of cyclamen pink. Bushes are low and spreading in habit. Foliage is dark, glossy green.

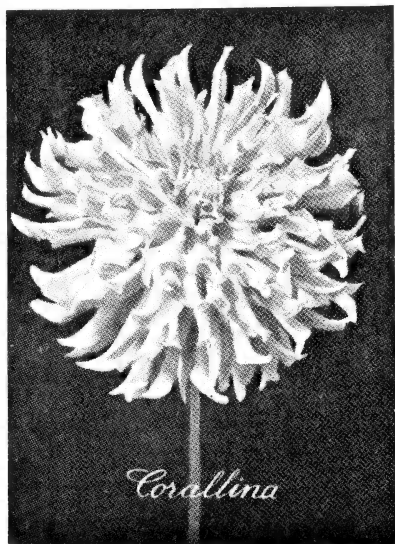
Plant .50

BEST COMMERCIAL DISPLAY

LAKEWOOD, OHIO—1940

At the local show of the Dahlia Society of Ohio, held in Lakewood on September 28th and 29th, our commercial display again was the winner of first place and the beautiful Dahlia Society of Ohio silver cup.

In addition to staging this display, we made forty-two entries in the open-to-all section; winning twenty-two firsts, twelve seconds, and six thirds, with two entries disqualified because of wrong classification. A number of the second and thirds were in classes in which we also placed higher.



CORALLINA

***CORALLINA S. C.** An unusually striking dahlia of stone red and gold. The petals curl and twist in an attractive manner. Good stems. **Plant .50**

CURLEY LOCKS I. D. (Caldwell) A large flower with exceptionally long twisting petals. The color is a bright gold with apricot shadings. The bush is an open grower with dark bronze foliage. An early bloomer; we regard it as one of the most satisfactory varieties in our garden. **Plant .50**

DAHLIAMUM I. D. (Chemar) A very large, bright cadmium apricot flower with golden sheen. Somewhat different in formation; resembling a huge Japanese chrysanthemum. Petals recurve to the stem forming a very deep flower which is held erect on strong, stiff stems. Highest scoring dahlia at Storrs Trial Grounds in 1939. **Plant \$1.50**

***DARCY SAINSBURY F. D.** This Australian variety is now the most popular of all white dahlias for exhibition; winning scores of awards thruout the country's leading shows each year. Its pure white color and free flowering habits make it a standout in the garden too. The flowers are fairly large, and have all the qualities of a good dahlia. **Root \$1.00, Plant .50**

DEEP PURPLE F. D. (Ruschmohr) Without question, this is the largest, purple formal decorative dahlia at present. Altho our experience with this during the season was rather limited we believe it will be outstanding at shows of the future, in spite of the fact that it seems to be a little late in blooming. **Plant \$3.00**

***DOKOUPIL'S GIANT F. D.** A large, well formed flower of distinctive, soft lilac rose. As an exhibition variety, it fits well into a class which is not too crowded. **Root 75, Plant .50**

***DOMINANT In. C.** A Holland introduction of fine form and quality. The flowers are fairly large, with petals tightly rolled. The color is a lilac rose suffusing to purple, with sulphur yellow at the center. **Plant .50**

DAHLIA SOCIETY OF OHIO SHOWS

The 1941 show of the Dahlia Society of Ohio will be held in East Liverpool under the sponsorship of the East Liverpool Dahlia Society. East Liverpool is recongized nationally for the extreme size and excellence of dahlias produced in its vicinity.

The local show of the Dahlia Society of Ohio will be held in Cleveland or one of the suburbs. This will be the eleventh annual show in this locality. It has always been a specimen bloom show and well worth a visit.

Dates and show sites of these Ohio shows have not been announced as this is written. We shall be glad to forward this information to anyone interested.



DULCINEA

***DULCINEA** St. C. A fine all-around dahlia of rare beauty of form and color. The medium sized flowers are an attractive cardinal red and carried in great profusion on the best of stems. A most consistent winner at shows, a fine garden sort and excellent for the cut-flower trade. We can recommend this highly for any garden.

Plant .50

EAGLE ROCK FANTASY I. D. (Broomall)

This is about the largest of the true lavenders. A late bloomer that is at its best when earlier varieties are on the down-grade.

Plant .50

***EDELSTEIN** In. C. One of the most beautiful of the recent Holland importations. Very outstanding as a cut-flower. The color is a deep rose with a silvery sheen. Stems are long and wiry.

Plant .75

ELIZABETH RETHBERG I. D. (Meusdcrrffer) A large, nicely formed flower of an attractive shade of rose pink. Long stems hold the blooms well above the tall plants.

Plants .75

EL RUBIO I. D. (Redfern) The real sensation of our gardens this past fall. The very large flowers, consistently twelve inches in diameter, of a bright, velvety, ruby red commanded the attention of all who saw them. Stems are very strong, bearing the flowers on top. Bushes are rugged and of medium height.

Plant \$3.00

***ENKART'S PRIMA** S. C. A large beautiful semi-cactus from Belgium. Very good in the garden or on the exhibition table. The color is a bright salmon-pink with a golden yellow center.

Root \$1.50, Plant .50

***ERLOSUNG** S. C. From Germany, we have this pleasing white of intermediate size. Unusually prolific flowering habits. The flowers are nearly as deep as they are broad. Stems are long, slender and erect, carrying the flowers well above the bush.

Root .75

EVENTIDE I. D. (Bissell) One of the finest of the 1940 introductions. The flowers are a deep violet-purple, fairly large, and of distinctive beauty. Each petal is notched, adding very much to appearance of "fullness" created by the rolling of the back petals to the stem. A free, early bloomer that will win its share of prizes. Plants are broad, spreading, and rugged. Foliage is dark and leathery.

Root \$5.00, Plant \$1.50

EVERYBODY'S FAVORITE I. D. (Salem) A large, deep, bloom of a delicate, light, rose-pink with just a trace of lavender and a "frosty" sheen over all.

Root \$5.00, Plant \$1.50

FANNY SANDT S. C. (Sandt) Medium sized blooms of orchid-pink. Stems are long and graceful. Tall plants.

Plant .50

***FIGARO S. C.** Reputed to be a seedling of Satan, with many of the good characteristics of the parent, and none of the faults. The color is a golden-yellow, flecked and streaked red. The flowers are very large, and most striking in appearance. Stems and plant growth are excellent. This one out-sold all large varieties at our gardens this past fall. A superb exhibition flower which is outstanding in the bi-color classes.

Root \$2.00, Plant .75

FIREBALL F. D. (Bissell) A brilliant scarlet that demands instant attention. The flowers are of good form and fairly large in size. The plants are vigorous with dark green foliage.

Plant .50

FLASH In. C. (Salem) This flashy new bi-color is certainly a welcome addition to the "bicolor cactus class" at shows. The color is a brilliant, vivid red, with each petal tipped pure white. Flowers of medium size are carried nicely on good, long stems.

Plant \$2.50

FOREST FIRE I. D. (Dahliadel) A dahlia for those who grow them for the rich beauty of color. The flowers are a lemon yellow at the base and rich scarlet towards the outer half.

Root .50, Plant .50

***FRANZ BERGER S. C.** This fine dahlia from abroad comes close to being an ideal dahlia in every respect. Long, strong, stems hold the coral red flowers facing up. A very good keeper.

Root .75, Plant .50

***FRAU O. BRACHT S. C.** This dahlia should be in every garden. We consider it one of the finest on the market. The perfectly formed flowers are a clear, light, primrose yellow of good size. A fine dahlia for the exhibitor or casual grower.

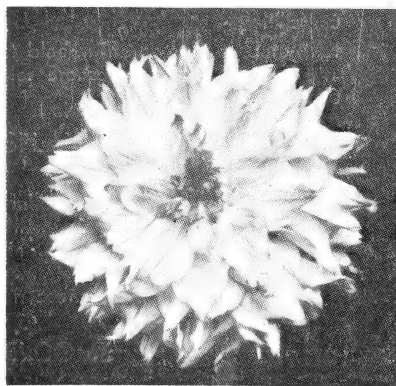
Root .75, Plant .50

***FRAU IDA MANSFIELD St. C.** A very attractive pale lemon yellow that is always a favorite in our gardens. The flower is very deep and large for this type. The tips of the petals are cleft giving the flower added character and the appearance of having many more petals than there actually are. Early. Tall.

Root \$1.00, Plant .50

FRECKLES I. D. (Kemp) A fairly large flower of a lemon-chrome, striped, blotched and speckled bright scarlet, irregularly distributed over the yellow ground color. A frequent winner in bi-color competition.

Plant .50



FREDA GEORGE

***FREDA GEORGE I. D.** A large Australian variety which attained instant popularity in this country. Artistically formed and delicately colored, and with all the characteristics of a good exhibition variety, its popularity is justified. The color is a soft, creamy pink, overlaid helio, darker toward the tips and shading to a deep cream at the base. Early and prolific.

Plant .50

GLAMOUR I. D. (Salem) A notable addition to the really large dahlias. Everything about the flower suggests size and vigor. It is a dahlia which anyone seems to be able to grow well, under almost any conditions. The very large, deep flowers are an unusual shade of light purple, with each petal edged amaranth pink. A consistent winner at exhibitions and it has many "largest bloom" prizes to its credit.

Root \$3.00, Plant \$1.00

GLORIA BACKER F. D. (Tudor) A clear dahlia purple of fair size and excellent formation for exhibition. We regard it as the most satisfactory of our several formal purples. The bush growth is very outstanding in its ruggedness; attracting much comment from visitors even before it comes into bloom. Early and prolific.

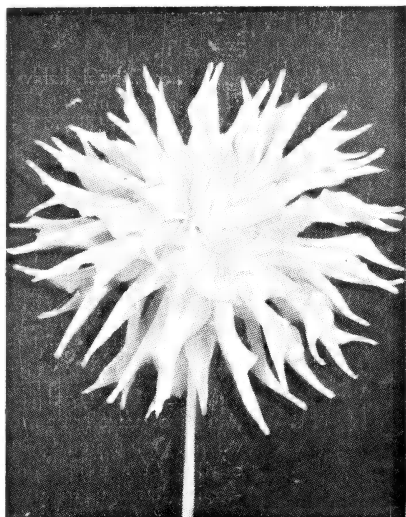
Root \$5.00, Plant \$1.50

GOLDEN BEAUTY I. D. (Silvernale) A very large shaggy flower of apricot yellow, splashed jasper pink, giving a pinkish yellow tone to the whole. Long stems hold the flower on the side. Tall.

Plant .50

GOLDEN STANDARD In. C. (Downs) A large, exhibition cactus of golden tan, with bronze shadings. It is undoubtedly the leading autumn colored cactus of recent years, for exhibition. Tall.

Root .50, Plant .50



GREATER GLORY

GREATER GLORY In. C.-S. C. (Salem) A very large cactus of rose pink, shading lighter. Excellent formation and a consistent winner at strong shows. Tall grower. Under some conditions this one may be more semi-cactus.

Root \$2.00, Plant .75

***HASLEROVA** F. D. A striking dahlia of good size and habits. The color is a very pale lavender, almost white, with reddish-purple streaks and pencilings; A consistent winner in its class, a class which has too few good ones.

Plant .50

HILLSIDE GOLD St. C. (Bissell) A very free blooming cactus of good size, which has made an enviable record as an exhibition dahlia, in all sections of the country. The color is a rich, golden yellow, with an apricot glow. An abundance of perfect exhibition flowers are produced over a long blooming season. Neat and lively in appearance.

Plant \$1.00

HONOR BRIGHT F. D. (Peck) A good commercial type dahlia of consistently fine form. Amber, with rose-coral shadings.

Plant .50

***HOSIANNA** S. C. One of the most delicately beautiful dahlias in our gardens. Medium sized flowers of rose pink with cream centers. Flowers are set on top of the long stems.

Plant .50

HUNT'S VELVET WONDER I. D. (Hunt) One of the big ones. The deep flowers have long broad petals and are of dark, rosy magenta, shading to true purple. A strong grower.

Root .50, Plant .50

***JEAN TRIMBEE** S. C. A Canadian introduction of several years ago, which yearly, piles up one of the finest show records of any dahlia. Large flowers of a rich petunia-violet shade. One of the first dahlias to bloom in the garden. Tall grower.

Plant .50



DAUGHTER BETTY JANE IN OUR SHOW GARDEN

JEFFERSONIAN I. D. (Retzer) A pinkish-mauve sport of the well-known Sultan of Hillcrest, with the many good characteristics of the parent. A fine plant and a free bloomer.

Plant \$1.50

JERSEY'S BEAUTY F. D. (Waite) The most universally grown dahlia of the present. Eosine pink, of medium size. Our stock of this is exceptionally fine.

Root .50, Plant .50

JERSEY'S DAINTY St. C. (Waite) A medium sized "white" which is very much in evidence at shows and in better gardens.

Root .50, Plant .50

JERSEY'S MELODY S. C. (Waite) A popular garden variety because of its distinctive coloring of Tyrian rose, tipped silver, with a silver reverse. Early and free blooming habits.

Plant .50

JERSEY'S WHITE BEAUTY F. D. (Waite) Primarily a cut-flower dahlia of clear white. Somewhat similar to the popular Jersey's Beauty in form. Plants, however, are more ornamental than those of the latter variety.

Root .50, Plant .50

***JULIUS C. BUNGE In. C.** This Holland variety has a very attractive color and formation to recommend it. The very prim flowers are carried well above the low bushes on fine, long stems. The color is a bright, clear rose.

Root \$1.50, Plant .50

***KARDINAL VON ROSSUM In. C.** A fairly large flower of dark violet purple. One of the best in its class. Plants are rather low and spreading in growth.

Plant .50

KARL BONAWITZ S. C. (Dahliadel) Medium sized flowers of a rich, velvety carmine. Very early and prolific. Tall.

Plant .50

KATIE K. I. D. (Koenig) A very large rose-pink flower with lilac suffusions. One of the best of the "pink" exhibition sorts. The plant is an open grower and quite vigorous.

Plant .50

KEMP'S VIOLET WONDER I. D. (Kemp) A consistently good performer, which has retained its popularity. One of the best of its class. Large, pansy-purple flowers on excellent stems. **Plant .50**

KEMP'S YELLOW SUPREME I. D. (Kemp) Very large, full centered flowers of pinard yellow. A good grower and prolific bloomer. **Plant \$1.50**

KENTUCKY SPORTSMAN I. D. (White) An unusual color combination of three distinct colors. Lemon yellow at the center, outer petals are golden amber tipped white, and with an old rose reverse. Fairly large flowers of good exhibition qualities. **Plant .75**

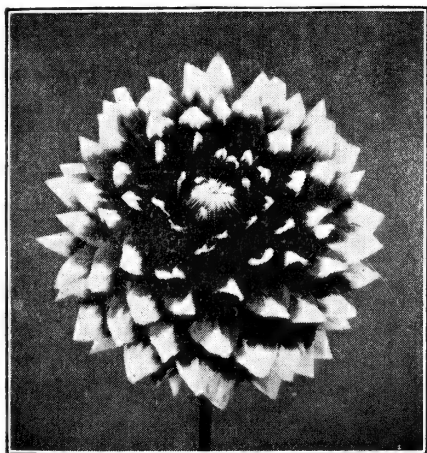
KENTUCKY SUN F. D. (White) A large, clear, attractive yellow flower deserving of its popularity as an exhibition variety. Very prolific bloomer. Plants extremely consistent in performance. Tall. **Root .50, Plant .50**

***KISMETH** S. C. Deep blood red flowers of medium size. Open, wide spreading habits of growth. Strong stems holding the flowers usually facing up. **Plant .50**

***LAETARE** S. C. Highly regarded as a cut-flower sort and for basket arrangements, but can also win in specimen bloom classes. The color is a blend of bright orange-red, heavily tipped and suffused gold. Medium sized flowers on long, fine stems. **Plant .50**

LEAH PEARL F. D. (Keiser) A medium sized flower of a pleasing combination of pink and cream. Flowers are globular in form, being regarded by some as a ball dahlia. A fine cut flower. **Plant \$1.50**

***LEIDENS ELEGANCE** St. C. A very free blooming variety. Flowers are of excellent substance, keeping well on the bush or when cut. Bushes are tall. Stems excellent. **Root \$1.00, Plant .50**



LOIS WALCHER

LELAND STANFORD I. D. (Ballay) Large cardinal red flowers, profusely borne throughout the season. Strong spreading bushes, with dark green, insect resistant foliage. **Plant .50**

LOIS WALCHER F. D. (Walcher) This sensational winner as a seedling, continued its fine record during the past season. We regard this as the finest true bi-color on the market. Flowers are of medium size, true pansy purple, evenly tipped a clear white. We recommend this one be given good cultural methods for best results. Plants are low to medium in height, with dark green foliage. Stems are long and unbending. **Plant .75**

LORD OF AUTMUN I. D. (Almy) One of the greatest of the great. This big, artistically formed beauty is one of the greatest winners at all shows. It has many "largest bloom in the show" awards. The clear yellow flowers have exceptional depth. Although it is regarded as a bit temperamental in its growing habits, we believe that everyone interested in the largest ones should try it. Our stock has produced many winners. **Root \$1.00, Plant .50**

***MAD. FLORENT BREAM** In. C. A fair sized flower of brightest rose, with a distinct yellow center.

Plant .50

***MAD. C. JUSSIANT** In. C. A true lavender cactus of good size, which has all the good qualities of a leader on the exhibition table. Sturdy grower.

Plant .75

***MAD. GEO. PEZZANT** In. C. One of the most "true to type" dahlias in our gardens. The florets are decidedly incurved, very often obscuring the center entirely. The blooms are quite large. The color is a deep, blood red. Blooms should be shaded for exhibition purposes as the color has a tendency to fade in hot weather.

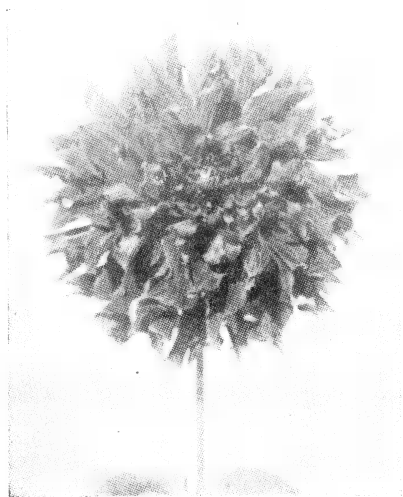
Plant .75

***MAFFIE S. C.** One of the truly great dahlias of recent introduction. The very large blooms are of an intense, bright red color. A strong grower with dark insect resistant foliage. During the past season it won many "largest bloom" and "most perfect bloom" awards at leading shows.

Plant 3.50

MAN O' WAR I. D. (Ruschmohr) One of the most satisfactory of our "reds." It blooms early and continues throughout the season. Flowers are large, on good stems carried well out of the rather tall bushes. The color is a rich, dark carmine.

Plant .50



MARGRACE

MARGRACE I. D. (Bissell) A really striking variety of brilliant scarlet, tipped gold, and with gold at the base of the petals. Large flowers, long stems and tall bushes, of open growth. A consistent winner.

Plant .50

***MASCOTTE** In. C. One of our favorites from Holland. Deep rose tinted cerise, lighter toward the tips. The formation is very uniform. Petals are well rolled for their entire length. Tall plants hold the medium sized flowers well above the foliage.

Root \$1.00, Plant .50

MASON'S PURPLE BEAUTY I. D. (Mason) One of the best velvety purple dahlias. The distinctly silvery reverse shows on the face of the flower and at the center.

Plant .50

MAYOR FRANK OTIS I. D. (Salbach) One of the largest dahlias grown. The color is a soft, rich, golden honey yellow, with just a touch of bronze shading. Plants are tall. Stems are long and strong, and the flower is a very good keeper when cut.

Plant \$2.00

MICHIGAN WHITE S. C. (Keiser) One of the very best of the white cut-flower dahlias. The well formed flowers seem to "pop" out over night on long, strong stems. Substance of the flower is excellent, the flower keeping well when cut. Blooms are of medium size.

Plant .75

MILTON J. CROSS I. D. (Johnson) Another really big one that has been a stand-out in our gardens. Tall bushes holding the large, massive, blooms high above the foliage on long, slender stems. The color is a clear gold at the center shading to a peach apricot at the outer third of the petals.
Root \$1.00, Plant .50

***MISS BELGIUM** St. C. A flower in the lower sizes that is nearly perfect in formation. Free bloomer and fine keeper.
Root .50, Plant .50

MISS CLIO F. D. (Hendricks) Medium sized flowers. The color is pink with a distinct yellow center.
Plant .75

MISS ELSIE JANE S. C. (Dahliadel) Not a large flower, but very deep in proportion to its diameter. The color is most attractive; shrimp pink, with cream shadings at the center and violet suffusion at the tips.
Root .50, Plant .50

MISS INDIANA F. D. (Dr. White) A medium sized cut flower type of a delicate shade of shell pink. Petals roll back to the stem. An exceptionally good keeper, which will open from a young bud in water.
Plant .50

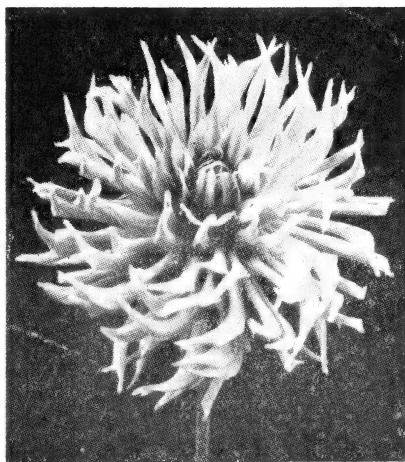
MISS OAKLAND F. D. (Hook) A good white for the formal class. Medium sized blooms on good stems. Very profuse bloomer.
Root .50, Plant .50

MISS OHIO In. C. (Parenica) Excellent for exhibition or cutting. Medium sized flowers of very good formation. The color is lilac-rose early in the season, later becoming a one-tone pink. Good keeper.
Root .75, Plant .50

MISS SANTA MONICA St. C. (Stephenson) A medium sized straight cactus, with tightly rolled petals. Color: pure white. Good stems and free flowering habits.
Plant .75

MONARCH OF THE EAST I. D. (Almy) A naturally big one, attaining a diameter of twelve to fourteen inches without forcing. It is one of the most vigorous growers we have ever had. The large flowers are a warm gold with apricot and orange buff suffusions with a slight coppery red on the reverse.

Root \$1.00, Plant .50



MISS OHIO

***MOTHER'S DAY** I. D. A very large white from Australia. Blooms have great depth, and excellent formation. Considered by some to be the best of an imposing list of good exhibition "white." The plants are tall and vigorous.

Plant \$2.50

***MRS. B. AMBER** I. D. Very large blooms on long straight stems. The color is a rich, cadmium yellow. Petals are somewhat crinkled and have a glistening sheen. Profuse blooming habits.

Plant \$1.00

***MRS. C. J. SOWTON** I. D. Australia sends us this big beauty. The blooms of great depth are a pinkish cinnamon color. Petals are slightly ruffled adding greatly to the beauty. Plants are low growing and have excellent foliage. Stems are ideal, carrying the flowers facing up.

Plant .75

MRS. GEORGE LE BOUTILLIER I. D. (Smith) A large carmine red with darker shadings throughout the flower. This is one of the best garden "reds" and it also does well on the show table.

Root .50, Plant .50

MRS. HERBERT O'CONNOR In. C. (Dahliadel) A highly pleasing cactus of good size. Rose pink, shading to deep, rose pink. A tall grower. Very free bloomer.

Root .75, Plant .50

MRS. WM. KNUDSEN I. D. (Dixie) One of the finest growing white dahlias it has been our experience to grow. Tall, vigorous bushes. Flowers are large and massive on excellent stems.

Root \$1.00, Plant .50

MURPHY'S MASTERPIECE I. D. (Reed) This has been one of the most popular of the large "reds." For a number of years it has been the leading winner in the red classes. The large flowers are very deep. Plants are tall growers.

Plant .50

MY DELIGHT F. D. (Salem) Not so large, but one of our favorites. Not the least bit temperamental and each bloom is a picture. The color combination is uncommon and very beautiful. Pinkish mauve-lavender on the outer three-fourths of the petals. The centers are white blending into the outer colors. Petals roll back to the stem to form a ball shaped flower. Long, strong stems.

Plant \$1.00

***NAGEL'S GIANT** I. D. A good sized, salmon pink from Belgium. Flowers have exceptional depth, and the petal arrangement is distinctive. A very free flowering dahlia. Tall plant, with attractive foliage.

Root \$1.00, Plant .50

NANCY ANN MITCHELL S. C. (Ruschmohr) Medium sized flowers of vivid scarlet. Extremely free bloomer; the bushes being literally covered with blooms throughout a long period.

Root \$5.00, Plant \$1.50

NEW GLORY S. C. (Trostle) A striking combination of purple garnet, nicely tipped white.

Plant .50



NOBLEMAN

NOBLEMAN F. D. (Wind) A fairly large flower of mallow pink, lightly flecked white. Excellent stems holding the well-formed flowers on top. A good grower and free bloomer.

Root \$3.00, Plant \$1.00

***NORMA MORTON** I. D. Bright gold with petals edged reddish bronze; a very lively color combination. Large flowers of good exhibition quality. Tall.

Plant \$1.50

OAKLEIGH MONARCH F. D. (Hook) A big, dark red formal decorative, which has been one of our most consistent performers. Plants are very vigorous, stems are excellent, and a great number of flowers are produced throughout a long season. We consider it, by far, the best in its class.

Plant .50

ONE, GRAND S. C. (Stephenson) A large, deep yellow semi-cactus produced on a tall, strong plant.

Plant .50

OPAL I. D. (Dahliadel) Artistic beauty, best describes this large pastel shaded flower. Soft salmon-rose with lighter shadings, and centers of light lemon yellow. Strong, erect stems hold the blooms well above the dark, glossy foliage.

Plant .50

ORIENTAL BEAUTY S. C. (Barker) Medium sized flowers of a clear, bright violet-rose. Petals twist and curl making a very artistic flower.

Plant .50

***PAUL PFITZER S. C.** A fairly large flower, very trim in appearance, and an exceedingly good keeper. The flowers are sulphur yellow in the center, pink with lilac suffusion toward the tips. Strong, open grower.

Plant .50

***PINK GIANT I. D.** Large flowers of clear rose-pink. Plants are strong and tall. A consistent winner at shows.

Plant 1.50

PIONEER CITY BONFIRE I. D. (Buell) This is one which we like to recommend. Large size. Free and early bloomer. Attractive plants always covered with flowers. The color is different and hard to describe but in general it is a reddish tan, the like of which we have found in no other dahlia.

Plant .50

***POSIE MORAVY I. D.** A very delicately colored flower of fair size. White with pink and orchid tints. The edges of the petals are slightly ruffled giving the flower unusual character. Excellent for cutting.

Plant .50

***PRACHTKERL S. C.** A large, clear primrose yellow. Tall grower. Profuse flowering habits.

Root .75, Plant .50

PREMIER'S MAJESTIC I. D. (Swezey) Large deep flowers on cane-like stems. Beautiful color combination of salmon, gold and mulberry.

Root \$1.00, Plant .50

PRIMROSE S. C. (Bissell) An attractively formed flower of fair size. The color is straw yellow, with rose pink reverse. A wonderful keeper when cut. Stems are long. A fine variety for basket work.

Root \$2.00, Plant .75

MOVIES FOR YOUR MEETINGS

In co-operation with Mr. J. W. Cowie, one of Ohio's leading amateur dahlia growers, we have prepared a series of dahlia movies, which are available for showing by established flower groups. The dahlia is shown from the propagating stage through the entire season, including many feet of dahlia blooms and gardens in full color. Films are 16 mm. About twelve hundred feet are now available, requiring more than an hour to show.

Societies desiring the use of these films are advised to apply as early as possible. There is no charge connected with the showing of the films. No advertising matter is incorporated in them. We offer this as another service of the Rocky River Dahlia Gardens in the interest of this superb flower.

PROGRESS I. D. (Salem) A large flower of rosy mauve. Long, strong stems carry the flower well above the tall plants. Blooms are well formed and have good keeping qualities. The plants are extremely vigorous, growing and producing right through the most adverse dahlia weather. **Root \$5.00, Plant \$1.50**

PURPLE MIST F. D. (Emmons) A large, well formed purple which starts blooming early and freely. A good exhibition variety. **Root \$1.00, Plant .50**

QUEEN CITY F. D. (Peck) A very striking commercial type. Produces an abundance of fine, medium-sized flowers. Petals fold back to the stem forming a ball-shaped flower of cherry rose, shaded lighter toward the tips of the petals.

Root .75, Plant .50

RED JUG In. C. to S. C. (Preas) Brilliant crimson carmine of fair size. A popular garden and exhibition variety. **Root .75, Plant .50**

***REILE S. C.** Free blooming, vigorous and sturdy. Blooms of rare beauty. A basket of these will "stop the show." The color is a bright salmon with cream centers.

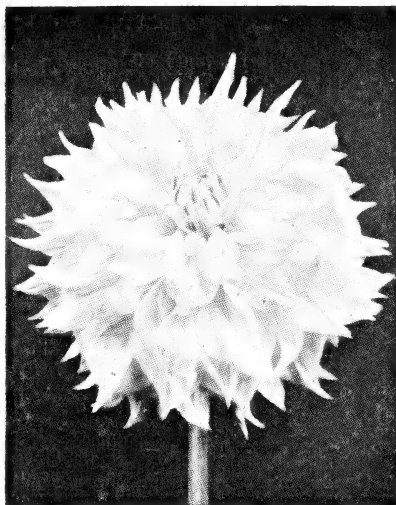
Root \$1.00, Plant .50

***RENATE MULLER In. C.** A very fine exhibition and commercial cactus of good size. Light salmon rose with pale yellow centers. A low bowl of twenty-five blooms of this variety was the center motif of our blue ribbon display at the Cleveland show, 1938.

Plant .50

RITA WELLS I. D. (Ruschmohr) Without question, this one produced our largest blooms last season. Great depth give the blooms a massiveness which never failed to stop visitors. Blooms are held nicely erect on long strong stems. Plants are in keeping with flowers of such huge proportions. The color is grenadine pink on buff gold.

Plant \$1.50



ROBERT RIPLEY

ROBERT RIPLEY I. D. (Salem) Grown right, this is one of the largest dahlias in existence. It has unusual depth. Strong cane-like stems hold the flowers facing up. During the past season it showed evidence of "temperament." The color is a deep, rosy mauve.

Plant .75

ROCKLEY MOON F. D. (Rockley) A very pleasing variety in the garden. The tall bushes produce many fine flowers of large size. The color is bright yellow with tints of bronze toward the centers.

Root .75, Plant .50

RUDOLPH'S GIANT I. D. (Ruschmohr) An autumn shade flower of very large size, great depth, and high full centers. It is a live, buff with apricot and pink suffusions which give the flower a glowing effect. Good stems and foliage.

Plant .75

RUDY VALLEE S. C. (Broomall) Large, spectacular blooms of reddish apricot with gold centers. **Root .75, Plant .50**

***SAARLAND'S HEIMKEHR St. C.** An attractive free-blooming cactus of lively rose pink, shading to yellow at the centers. **Plant .50**

SARACEN F. D. (Peck) A fine dahlia that has been overlooked by many. Blooms are large and have great depth, the petals folding back to the stem. Stems are ideal in every respect. The color is a medium shade of purple.

Plant .75

SATAN S. C. (Ballay) One of the really popular dahlias of recent years. A very large semi-cactus that has won many "largest bloom" prizes. The color is scarlet with a touch of gold.

Root .50, Plant .50

***SCARLET LEADER I. D.** One of the most brightly colored dahlias in the garden. Vivid scarlet blooms on excellent stems. A fine cut flower.

Plant .75

***SEVERIN'S TRIUMPH F. D.** Clear, bright, true pink of modest size. Its fine form makes it desirable for exhibition, and it is also a fine cut-flower variety.

Root .50, Plant .50

***SHIRLEY TEMPLE St. C.** A Canadian introduction of good size. The color is a light lavender with sulphur yellow at the base of the petals. The low growing plants produce many fine exhibition blooms.

Plant .75

SLEEPY HOLLOW In. C. (Morgan) A broad petaled cactus which is different. The color is a vivid shell pink shading to white at the center. This is an exceptionally fine exhibition variety. Won more points in the HOUSE BEAUTIFUL magazine futurity classes at leading shows than any other 1938 introduction.

Plant \$1.00



SON OF SATAN

SON OF SATAN In. C. (Slocum) One of the largest and brightest of its type. Intense flame red on excellent stems. Blooms up to twelve inches in diameter. Tall, open bush growth. A sensation in any garden and a winner in any show.

Root \$1.00, Plant .50

STRAIGHT'S WHITE I. D. (Ruschmohr) A large, well-formed flower of pure, glistening white. The long narrow petals roll and twist in a most artistic manner. Bushes are exceptionally vigorous for a variety of this color.

Plant \$1.00

SUNRAYS I. D. (Ruschmohr) This large, 1938 introduction represents just about the maximum in size for dahlias to date. In our gardens it produced blooms larger than such well-known giants as

California Idol, Lord of Autumn, Amelia Earhart, Satan, American Legion, etc. Stems are exceptionally long and strong. A fine keeper when cut. It is a very welcome addition to the exhibition class. Buff with apricot suffusion.

Root \$3.00, Plant \$1.00

***TANNENBERG F. D.** A medium sized flower of deep blood red, with tips of gold, and gold showing at the center. A popular novelty in the garden.

Plant .50

THE GOVERNOR F. D. (Dahliadel) A large, bright, sulphur yellow, which is definitely a formal. True formals are scarce and this is a welcome addition. The petals are broad and turn back at the tips, giving the flower good depth. One of the leading winners in its class the past season.

Plant \$1.50

THOMAS A. EDISON F. D. (Dahliadel) This is still just about the very best in its class. The color is a lively purple. Flowers are fairly large. **Root .50, Plant .50**

TOM MANNING I. D. (Wind) A strong-growing, wide-spreading bush which does well under all conditions. Center of the flower is old rose, outer three-fourths of the petals are ochraceous salmon blending to buff. Blooms are large. Stems good. **Plant .50**

TOM WORKMAN I. D. (Burkhart) An unusual colored two-toned flower of large size. Color, flame-yellow. Center petals are partly quilled giving the flower added distinction. Stems excellent. **Root \$1.50, Plant .50**

VICTORY F. D. (Asther) Here is a large dahlia with good depth that is very formidable in the formal pink class, as well as being a very pleasing variety in the garden. The color is rose-pink with a golden suffusion. Tall plants producing many fine blooms. **Root \$5.00, Plant \$1.50**

***VIOLA** St. C. Rosy lilac. Petals long, straight and tightly rolled. A fine type. **Plant .75**

VIRGINIA RUTE S. C. (Siebrecht) A large, deep red flower, with broad petals rolled to a point at the tips. Very neat in appearance, we feel that it will become a factor on the show tables. It has all the requisites of a winner. **Plant \$1.00**

VOLCANO F. D. to I. D. (Richardson) A very large, well-formed flower of great depth. This was a standout in our gardens from early in the season until frost. The color is orange-flame red. The plant is a very strong grower with heavy, leathery foliage, which is insect resistant.

Plant .75

***WEISSER HIRSCH** St. C. A very fine white cactus, with just a trace of lavender. Each petal is deeply cleft, giving the flower an appearance of great "fullness."

Plant .50

***WHITE ABUNDANCE** I. D. The name aptly describes this fine cut flower variety. Very tall grower. Petals have great substance and do not bruise as readily as most white dahlias. Our florists consider it superior to other whites.

Plant .50

***WHITE HART** I. D. The blooms are white with a faint tinge of lavender; have large size and good, long stems. It has strong exhibition "possibilities."

Plant \$2.50

WINSOME I. D. (Swezey) This was one of the most pleasing in our gardens. The tall, fine plants are covered with an abundance of flowers from early season until frost. The flowers are large, of a light, luminous pink. A great favorite with visitors.

Plant \$1.00



**VOLCANO IN OUR GARDENS
VIEWED BY OUR SON "BOB."**

WM. H. HOGAN F. D. (Reed) Fair sized flowers of garnet red tipped white. An old favorite.

Plant .50

YELLOW GLORY S. C. (Dahliadel) A very large, lemon yellow. Fine formation, with full center, and the stems are long and very good. One of the best of the 1940 introductions; performing well in both the show garden and field. It won its share of prizes the past season and will no doubt continue to do so.

Root \$5.00, Plant \$2.00

YOUR LUCKY STAR S. C. (American) Very large, well formed flowers of unusual beauty. The centers are white, and the outer half is a distinct, clear lavender. It has a fine show record in addition to its desirability as a garden sort.

Plant \$1.00

ZEPHYR St. C. (Wind) Certificate of Merit at East Lansing with a score of 85.8 C. The general color effect is a rich cardinal red. The nicely formed flowers average six to seven inches in diameter. Substance rated as excellent. Stems are of medium length. Very abundant flowering habits. The bushes are free branching with a height of four feet and a spread of four feet. The branches are slender to the base, but are rigid and erect, permitting cutting with long stems. The foliage is dark green. Plants do well in the open field with a minimum of care. We have found this to be the answer to a demand for a dark red cactus.



Rott \$3.00, Plant \$1.00

ZEPHYR

DAHIA SEED

After extensive trials by ourselves and customers, we are prepared to make claims of distinct superiority for our seeds. These seeds are grown for us in Southern California from stock of our best varieties, which we send there for the purpose of seed production. The grower is a man of more than twenty-five years experience in dahlia growing. No small type dahlias are grown on his ranch.

In California, more varieties will produce pollen and seed than in any other section of the country. This not only produces seed from a greater number of parents, but it also permits a far greater number of crosses, thereby enhancing the chance of something new and distinct.

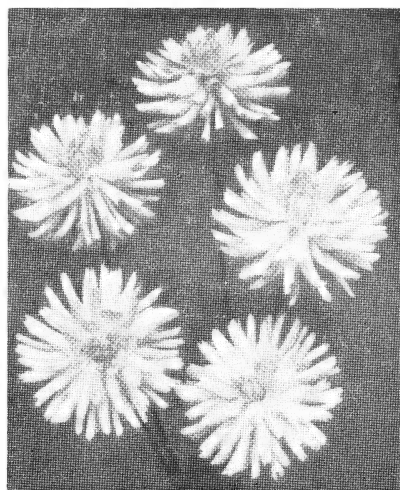
We have an ample supply this year to accommodate new customers.

100 seed of large flowered decoratives.....	\$4.00
100 seed of cactus varieties	5.00
100 seed of large flowered semi-cactus.....	5.00
Packets of 25 or 50 seeds at the same rate.	

Small Flowered Dahlias

These small flowered dahlias are becoming very popular because of their general usefulness. They lend themselves nicely to effects in the landscaped garden, or in the borders, furnishing a mass of color over a long season. As a flower for arrangements, they are ideal, lasting a long time, and their great diversity of form permits unlimited possibilities in their arrangement. They also hold a prominent place in all dahlia shows.

The small flowered sorts require less care and attention than the larger types. No disbudding is necessary; the smaller the flower, the better. They require less space than the large types and staking is unnecessary except for the taller growing sorts. All are selected for their free flowering traits. The varieties in the following list average twenty-four to thirty inches in height unless otherwise noted. Ordinary garden soil is preferable to "rich" soil for early and profuse blooming.



ANDRIES'S ORANGE

***ANDRIE'S ORANGE M. C.** A bright orange semi-cactus. One of the finest miniatures we grow. Very neat in appearance, and excellent for exhibition.

Plant .50

***BABY ROYAL M. C.** Salmon-pink, shaded apricot and with gold at the center. Borderline between semi-cactus and informal decorative. Very prominent at all shows.

Root .50, Plant .50

***BISHOP OF LLANSDAFF M. Dup.** For several years this has been our best "seller." Brilliant scarlet, with bright golden pollen center. The dark bronze, finely cut foliage is also very ornamental. It is practically the only duplex dahlia seen at shows.

Root .50, Plant .50

BOB WHITE P. A fine, small, white pompon, with a slight creamy tint, which is always full centered. Bushes are very wide spreading. Exhibition quality.

Plant .50

BRIGHT FLASH S. A tall growing single, producing bright scarlet flowers on strong, rigid stems. Flowers are large averaging five to six inches. We have exhibited this for a number of years and have never been beaten in the single classes.

Root .35, Plant .50

CHARLOTTE CALDWELL B. A nicely formed ball dahlia which is very popular with exhibitors. The color is a light orange. Flowers are large for this type. Stems excellent. Bush growth low.

Root .75, Plant .50

DEE DEE P. A finely petalled pompon highly regarded for exhibition, and generally considered the best of its color. The color is dark lavender, with a trace of white on the edge of the petals. Small flowers.

Plant .50

***DORIA P.** A small wine colored pompon. Petals roll well back to the stem forming a ball shaped flower. We know no better pom in this class.

Plant .50

DUBONNET M. C. Almost a true dubonnet shade. Nicely formed flowers on good stems. Exhibition quality.

Plant .50

***EASTER GREETINGS** M. C. A dwarf growing white semi-cactus of slightly larger than exhibition maximum size. Its tremendous popularity is due to its extreme floriferousness and its adaptability for borders. It may also be started indoors in late December for blooming plants for Easter.

Root .75, Plant .50

EDITH MUELLER P. Primarily a garden or cutting sort. Very reliable growing habits. The color is a yellow-orange, edged red.

Root .50, Plant .50

EVEREST St. Pure white, star flowered dahlia, with tightly rolled petals. Very useful in arrangements.

Root .50, Plant .50

FAIRY M. D. A lavender-rose miniature decorative resembling the well-known Jersey's Beauty in form.

Root .50, Plant .50

HONEY P. A very pleasing pompon of pale yellow lightly tipped red. Long stems. Suitable for exhibition.

Root .50, Plant .50

***ILA** P. Very small, dark blood-red pompon. Petals roll well back to the stem giving the bloom great depth. One of the finest of all exhibition pompons.

Plant .50

JERSEY'S BEACON BALL M. D. Another which is slightly "oversize" but very useful for cutting or as a garden flower. Blooms are very deep; almost ball shaped, and of an orange-buff-scarlet.

Root .50, Plant .50

KENTUCKY SNOWBALL B. We consider this the best of the white ball dahlias for cutting and exhibition. Well formed flowers of good size.

Plant .50

LITTLE EDITH P. Very similar to Honey in color and shape, but quite a bit smaller. Stems are not as long as those of Honey but because of the smaller size Little Edith is more popular for exhibition.

Root .50, Plant .50

LITTLE FIREBALL M. D. A trifle above the miniature size but popular as a garden sort because of the brilliant, scarlet, ball-shaped flowers. The foliage is dark bronze.

Plant .50

***LITTLE OTHELLO** S. A small single, which is almost black. The color is so dark, that unless it is seen in sunlight, the red is un-noticeable. Bronze foliage.

Plant .50

THE HIGBEE CO. DISPLAY Cleveland, Ohio

For the past four years we have displayed our dahlias at the Higbee Co. department store on the Public Square in Cleveland. Last fall we staged fourteen shows there. Late September and early October will find us there in 1941.

If you are in Cleveland during that period, visit this leading department store and become acquainted. You will find us on the main floor, center aisle.

VISITORS ALWAYS WELCOME

Visitors are welcome at the ROCKY RIVER DAHLIA GARDENS at all times of the year. Make this a stop when in the vicinity of Cleveland. Gardens are located about eight miles from downtown Cleveland, within two miles of all routes west. See map on page 35.

***LITTLE DIAMOND M. C.** Instant popularity was the lot of this small, rose-pink cactus. Exceptionally fine for exhibition.

Plant .50

***LITTLE RED RIDING HOOD P.** This is the best of our "bright" red pompons. Very showy in the garden and it also does very well on the show tables.

Plant .50

***MARIA M. C.** Often mistaken for Easter Greetings; being very similar in all respects. It is however, more nearly true cactus in type, just a shade more white, and the stems are not as heavy as those of Easter Greetings. We prefer it over the latter for pot culture in the greenhouse because of its more graceful stem and because it holds its center under forcing conditions much better.

Plant .50

MARIE SCHMIDT S. A small, delicate single of clear, light lemon yellow. Thin, wiry, graceful stems. Very useful in arrangements and very attractive in the garden or in the border. New.

Root \$1.00, Plant .50

***MARKET GLORY M. C.** A well formed, lilac-pink semi-cactus, with long graceful stems. Somewhat similar to Little Diamond, but larger and the plants are tall. Fine in the garden and in arrangements, particularly in baskets.

Root .75, Plant .50

***MARKET JEWEL M. C.** A striking, velvety red semi-cactus of exceptional depth of flower. With the new four-inch maximum for miniatures this one will be seen much more on the exhibition tables.

Root .75, Plant .50

MARY HELEN B. Unquestionably the best yellow ball dahlia in general use. It seldom has any competition on the show table.

Plant .50

***MRS. J. TELFER P.** A white pompon of exceptional quality. The petals of the small blooms roll back to the stem forming a pure white ball. The best exhibition white pompon.

Plant .50

MRS. C. D. ANDERSON B. Large purplish red ball with good exhibition quality. Tall plant.

Root .50, Plant .50

***MRS. V. BRITTIAN P.** A small, ball-shaped pompon of rose-pink with mallow pink suffusions. One of the best for exhibition.

Plant .50

NERRISA P. Another very fine exhibition "pink" pompon. Very small and well formed. Soft rose-pink, with silver and mauve tints.

Plant .50

NEWPORT WONDER S. A large, tall growing single of a delicate shade of rose-pink, overlaid with a golden sheen. The long petals roll in an artistic manner giving the flower unusual charm.

Root .50, Plant .50

ORCHID BALL B. Outstanding in the lavender ball class. A true lavender. Being a late blooming variety, we recommend it primarily for those who grow for exhibition. Tall.

Root .50, Plant .50

PLEASURE S. A small single of an unusual color combination. Light purple with the inner one-third of the flower a very dark purple. The line between the two colors is very definite and marked. A garden novelty.

Plant .50

PURITY S. A fairly large, tall growing, pure white single. Very good for exhibition.

Root .50, Plant .50

RED CAP JR. M. C. A fine, long stemmed, brick red semi-cactus. Very showy in the garden, and for decorative purposes.

Root .50, Plant .50

SATIN WHITE Coll. One of the finest collarette dahlias for exhibition, and other uses. Large, pure, satiny white flowers with white collar. Very fine stems. Tall plants.

Plant .50

SHERRY P. A small, well formed pompon commonly found on the exhibition table. Dark purple.

Plant .50

SPRINGFIELD M. C. Somewhat above miniature size, this coral pink cactus, is nevertheless highly useful in the garden and in decorative work.

Root .50, Plant .50

SUPT. AMRHYN B. One of the most perfect of its type. The color is a Tyrian pink with a trace a mauve throughout. Very desirable for exhibition.

Plant .50

SYLVIA M. D. This is one of the best of the formal decorative miniature dahlias. The color is garnet-red. Very popular as a show flower.

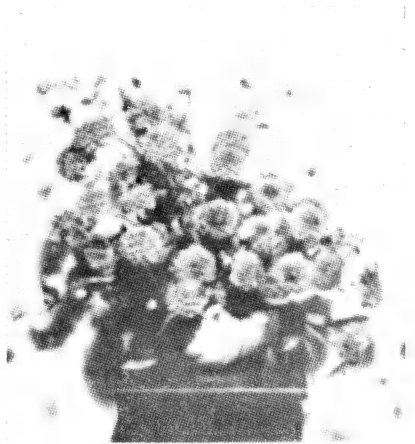
Root .50, Plant .50

***TIP M. C.** This is our personal choice of the best all-around miniture on our list. The well formed flowers of sulphur yellow are consistently of proper miniature size. Tips of the petals are blunt. The plants are massed with flowers from very early in the season.

Root \$1.00, Plant .50

***VOLKSKANZLER S.** (Also known as Chancellor) One of the interesting small singles. The flowers are brownish red, with a decided circle of deep blood red at the center.

Plant .50



SYLVIA

YELLOW GEM P. This has been the leading exhibition yellow pompon for a number of years. Canary yellow.

Root .50, Plant .50

SEEDLING PLANTS

The growing of dahlias from seed is rapidly becoming a "side hobby" of dahlia enthusiasts. Each dahlia produced from seed is a new variety, and the one who produces it is privileged to name it and control the stock of it. Altho a great majority of the new varieties produced from seed are inferior to existing varieties, the thrill of anticipation in watching the first blooms open on each plant, and the greater thrill when something outstanding appears, makes the growing of seedlings a most fascinating project.

For those who do not have the facilities for growing the seedling plants (seed sown indoors March 1st to 15th), we are offering seedling plants. These plants are from the same high grade seed offered on page 23. The plants are carefully grown and "hardened off," and are ready for the garden when received. Priced as follows:

\$2.50 per dozen out of two inch pots.

\$1.50 per dozen out of flats (no soil)



A VIEW OF A CORNER OF OUR SHOW GARDEN TAKEN AT OUR FORMER HOME IN NORTH OLMSTED. WE ARE CONTINUING THIS POLICY OF MAINTAINING A PLOT IN WHICH ARE PLANTED SEVERAL PLANTS OF EACH VARIETY WE GROW, SO THAT VISITORS MAY QUICKLY INSPECT OUR LINES:—THE BEST FROM ALL PARTS OF THE WORLD. IN THIS GARDEN ALL VARIETIES ARE CLEARLY LABELED, STAKED, PRUNED AND DISBUDDED, IN THE MANNER OF A HOME GARDEN.

How To Handle Cut Flowers So They Will Keep

The life of dahlia blooms after they are cut may be very much prolonged by a few simple precautions taken at the time of cutting.

First of all, cut only FULLY MATURED blooms. Flowers with a withered petal or two on the back will keep longer, under similar conditions, than young blooms. If desired, the withered petals may be picked, or cut off. Cut a longer stem than will be necessary in the vase or container for which the flowers are wanted.

Cut the flowers early in the morning before they start to wilt, or later in the evening after they have revived from the effects of the sun and winds of the day. Make the cut with a sharp knife so that the microscopic tubes in the stem, which supply water to the flower head, are not crushed.

Flowers should be cut at least eight hours before it is planned to use them. As soon after cutting as possible, the stems should be placed in deep cool water in a cool, draughtless and dark part of the basement, for the period of eight hours or more. When putting the flowers in water in the basement, it is to considerable advantage, to trim off an inch or two of the stem under water. This cuts off the portion of the stem into which air may have entered the microscopic tubes and choked off the supply of water passing up to the flower head. When the supply of water fails, of course the flowers wilt.

After the period of "hardening" or "finishing" in the basement, the flowers may be used for their intended purpose. In placing them in their permanent containers it is well to again trim off a small portion of the stem under water. In fact, this could be done each time the stem is out of water for more than a moment. Use only CLEAN water and CLEAN containers; factors which are important but often overlooked. Thereafter change the water once a day and trim off the stems. Set the containers out of direct sunlight and draughts. Follow the foregoing suggestions and you will find the dahlia a long-lasting flower.

Pointers For Exhibitors

Success as an exhibitor consists of a great deal more than the ability to grow fine specimen blooms. Experience is very important. Don't be discouraged at a few failures. Learn from the failures, while gaining experience.

Start your preparations early. It requires about four weeks, from the time the buds first show until they are fully open. Go over your garden and select buds which should be ready for the show. Disbud more than usual, also taking out some of the branches. Don't spend your time on buds from anything but the strongest plants.

When buds start to show color, shade them from the sun and give them protection from the other elements.

The day before the show, examine all the blooms and select the ones which will be just right at cutting time. It will save time later, if you label the ones selected.

Plan to cut the blooms at least twelve hours before time to set up at the show. Follow the suggestions on page twenty-eight for "finishing" the blooms.

Many fine blooms are ruined enroute to the show. Use extreme care and patience in packing. Large, deep cardboard boxes are very satisfactory, if a layer of shredded newspaper, or other soft material is placed on the bottom.

When packing, place the blooms with the longest stems in the box first, with the flower heads at the end, and stems toward the center. Several rows may be placed in each end of the box but do not allow the blooms to overlap, or the stems to rub the flowers at the other end of the box. See that none of the petals at the back of the flower are folded, as such petals will show bruises shortly after unpacking.

If blooms are to be shipped, or transported long distances, it will be necessary to sew the stems to the bottom of the boxes with string. Pre-cooling will be a great help to successful transit.

See that the cover of the box does not rub the face of the flowers.

As soon as the show is reached, unpack and trim an inch or more off each stem and place in deep water for an hour or more to revive the flowers. During this time, entry cards may be made out and other details taken care of.

Don't allow yourself to become excited. Clear thinking is important.

Be sure you know the rules of the show and what the classes you are entering call for. Many fine exhibits are disqualified because the schedule hasn't been followed.

Are your blooms true to type, and are they properly classified as to size and color? If you are not sure, consult the show superintendent.

Select vases in proportion to the size of the flower and length of stem. Good flowers poorly shown often fail to gain favorable recognition from the judges.

Large specimens should have stems which hold the blooms well above the edge of the container. Many show schedules now specify a minimum length for stems. Stems should be straight, and strong enough to hold the flower so that it faces at right angles to the stem, or so that it faces up to some degree. Flowers that "hang their heads" receive little consideration from the judges.

Flowers with "open centers" or "green centers" have no chance in good shows. Centers should be full, round, and the petals around the center should have a fairly uniform development.

It is best to have blooms with a fairly round contour. Many "lopsided" blooms may look well at first glance, but they will not survive the critical inspection of the judges. The most common instances of "lopsidedness" are found in flowers which have a majority of the petals below the center. This is usually caused by the weight of the petals pulling them down during periods when the flower is slightly wilted. This fault as well as other disarrangements of petals, can be remedied to some extent, by carefully working them back into proper position by hand.

Withered, wilted or bruised petals on the back of the flower will score against your entry. Blooms from which such petals have been plucked, will be scored as though the bad petals are still present

Many exhibitors overlook the importance of good foliage. Leaves showing insect injury, diseases or mechanical damage are taken into account by judges. No foliage is worse than bad foliage.

Size alone won't win. In selecting blooms for entry, first select for perfection and second, for size. You will find that all-around perfection is quite closely tied up with suitable size.

Remember judges are judges because of years of experience as growers, exhibitors and students of dahlia perfection. They know the importance of factors which seem trivial to others. Don't criticize them. They make a great many decisions in a very short time, and as a whole, have a very small percentage of error.

If properly approached, most judges will gladly point out the flaws in your entry, but do not approach him until he has finished judging.

Be a good sport, win or lose. "Laugh and the world laughs with you—cry and you cry alone."

COLLECTIONS

(All varieties in collections are strictly our selection.)

COLLECTION A:	Ten roots (not labeled).....	\$1.50
COLLECTION B:	Twelve roots (labeled). All different.....	2.50
COLLECTION C:	Four plants, all different and all labeled, to acquaint new customers with our superior plants.....	1.00
COLLECTION D:	Six miniature dahlias (roots)	1.50
COLLECTION E:	Our popular De Luxe collection. Twelve roots, or twelve plants, (customers will please state preference).....	5.00

ESTATES COLLECTIONS. We make up collections for large estates, in any quantity, at a price well below list prices of these same varieties selected from our catalogue. These are made up to fit individual tastes and needs. Prices are a matter of correspondence. In writing for prices be sure to state the size and shape of plot or plots, their relation to other plantings, the general landscape effect desired, and any information that will aid us in making a selection exactly to your needs. List of varieties and quantity of each will be supplied by us with our quotations.

The above collections are guaranteed to have a value of at least thirty-five percent more than you pay for them.



SHOWING PART OF OUR DAHLIA FIELDS JUST COMING INTO BLOOM DURING THE FALL OF 1936.

Midwest Show Sept. 20th and 21st

Milwaukee, Wisconsin



LORD OF AUTUMN IN OUR GARDEN

Plan to attend this great annual show, sponsored this year by the Dahlia Society of Wisconsin, Inc., at Milwaukee.

Wisconsin has rapidly come to the front in exhibition dahlia growing. It is also one of the leading trial sections for new seedlings. The society is under the capable leadership of the well-known dahlia authority and writer, George R. Currie of Sheboygan. It will be a quality show.

Cultural Hints

Although dahlias may be grown in almost any ordinary garden soil, to produce a beautiful effect in massed color, with but little attention, they respond very readily to a little extra care.

Fine dahlias are the result of a number of factors, most important of which are: (1) good vigorous disease-free stock; (2) choice of varieties which naturally produce high quality blooms; (3) location of the garden; (4) proper planting; (5) cultivation; (6) intelligent fertilization and spraying; (7) pruning and dis-budding; and (8) the successful winter storage of the clumps.

Factors (1) and (2) need no comment other than that varieties which we offer in this catalogue are the result of several years of careful selection from the finest novelties placed on the market from all parts of the world. Each year we try many new sorts, then discard those which have no definite place in the better class gardens, and offer only the best to our customers. Our fields are carefully and frequently inspected. All inferior plants and those showing any symptoms of disease are destroyed. Our cultural methods are productive of the very finest quality roots and plants obtainable.

Selection of the location for the garden is usually quite restricted, but fortunately dahlias will do well in any type of soil and in a wide variety of climate. A good site is one that receives several hours of sunlight each day and has good drainage, so that water does not stand on the ground very long after rains. More important than the type of soil or the location of the garden is the condition of the soil at planting time, and during the growing season. We believe that more failures with dahlias are due to the lack of proper conditioning of the soil than to any other single factor. This is especially regrettable since it is a factor which may be easily controlled.

The soil of the garden should be kept loose while the plants are growing, especially in the early part of the season. Light, sandy soils need the least preparation, providing they contain enough humus to hold a sufficient amount of moisture. Humus may be supplied by planting a cover crop of rye in the fall to spade under in the spring, peat moss

mixed into the soil, barnyard manures, and by vegetative refuse such as lawn grass clippings, leaves, etc.

Heavy clay soils may be made lighter by the generous use of furnace ashes or cinders mixed with the soil of the garden, or just in the hills. Lime also tends to loosen the soil but should not be used oftener than every four or five years and never in connection with barnyard manures. A cover crop of rye also aids in the loosening or lightening of the soil. Stirring the soil frequently to a depth of five or six inches helps to maintain the soil in proper condition. It must be remembered that the tender roots of the dahlia will not reach out as readily in search of food, in hard ground, as they will in looser soil. The dahlia is a very heavy "feeder" and needs a large efficient root system. Also, air and water penetrate more easily into loose soil to aid in the chemical transformation of soil elements into plant food.

Spade the garden two or three weeks before planting time. Leave the surface rough until actual setting of the roots or plants. Never try to "fit" the soil when it is so wet that it sticks to the tools. Planting should not be started until the soil has started to warm up in the spring, which in the latitude of northern Ohio is about May 15th to May 20th. Planting may be continued until June 15th or later.

We suggest planting in furrows or trenches about five inches deep running the length of the row. Place the root flat in the bottom of the trench and cover with two or three inches of soil. Fill in the rest of the trench as the plant grows. Rows should be at least three, or preferably, four feet apart. Plants in the row should be thirty-six inches apart when planting large sorts. (Small type dahlias sixteen to twenty-four inches apart.) Stakes to support the plants later may be driven at planting time five or six inches from the eye or sprout. Further instructions for the care and planting of "GREEN PLANTS" are enclosed with each shipment of our plants.

Many failures with "GREEN PLANTS" are due to improper cultural methods at the start of the growing season. Normal growth should be the aim. It is not uncommon for the gardener to employ all methods within his knowledge to get his plants off to a fast start. A fast growth is also a soft growth which is easily injured by the heat and dry weather of mid-summer. Such injuries result in a check to the plant and a resultant hardening of the plant tissues. When the tissues become hard, or woody, they lose their properties to expand, or grow. Thereafter, no greater amounts of plant food can pass up through the stalk than was the case when the hardening took place. Growth practically ceases. When this has occurred, first class results can be obtained only by cutting the plant back to the ground and starting all over. In many cases this will be too late to obtain blooms.

Hardening may also be caused by a number of other factors. In some cases the condition may have been induced by planting too early, when the soil is too cold for normal growth. Some other factors which may cause this condition are: setting plants in the garden which have not been properly "hardened off" in cold frames, allowing the plants to dry out, excessive water, lack of cultivation, root injuries due to insects or fertilizers, as well as a number of others not so common. When growth has been normal the plant can cope with conditions which would cause a soft plant to suffer a check.

Cultivate once or twice each week to a depth of five or six inches in the early part of the season. Right next to the plant cultivation should not be as deep or some of the roots are likely to be cut off or injured. When the plants are in bloom and the spaces

between the plants are pretty well filled with foliage no further cultivation will be necessary.

Water only in very dry weather. One thorough soaking is far better than several light sprinklings. Frequent watering brings the roots too near the surface where they are quickly injured by heat or draught. More water will be required after the plants start blooming than earlier in the season.

There are a number of elements in the soil which are needed for proper plant growth. Of these elements there are only three which are likely to be present in lesser amounts than needed by the plant. They are NITROGEN, PHOSPHORUS, and POTASH. In order to arrive at an intelligent fertilizer program we must understand the purpose of the above elements to the plant.

NITROGEN is needed for bush growth, dark green foliage, and large flowers. Plants growing in soil which is lacking in nitrogen show a yellowish cast to the leaves, low growth, failure to develop buds properly, and small flowers of poor color. Too much of this element produces a tall growth, soft plants, delays blooming, weakens stems, and reduces the keeping qualities of the roots in winter storage. It will injure leaves and roots if applied directly, or too close, to them. The common sources of nitrogen are cover crops, dried blood, fish scraps, barnyard manures and commercial fertilizers.

PHOSPHORUS is the most important from the dahlia grower's standpoint. It is essential in all plant functions. It hastens blooming, increases root development, stiffens the stems, increases the general vitality of the plant, and it overcomes the harmful effects of excessive nitrogen as well as certain other adverse soil conditions. Phosphorus is not harmful even when applied in excessive quantities. The common sources are: superphosphate, double superphosphate, and bone meal. The latter also contains a small amount of nitrogen.

POTASH increases the general vigor of the plant, it is essential in the chemical changes occurring in the plant, and root formation is dependent upon its presence. The common sources are: muriate of potash, and sulphate of potash. Hardwood ashes are sometimes used as a source of potash but are not to be recommended owing to their variability in potassium (potash) content.

To reduce the foregoing to a simple fertilizer program we suggest spading under an application of bone meal (steamed) at the rate of five or six pounds for each one hundred square feet in the garden. This may be done two or three weeks before planting time. The plant food element in bone meal is very slowly available and one application will last throughout the season. Potash may also be applied at this time at the rate of two or three pounds per one hundred square feet. Since bone meal also contains a small amount of nitrogen (3 to 4%) none will be required at this time. Nitrogen being a quickly available plant food it may be applied later in the season, or just when it will be of the greatest benefit.

For increased size of blooms apply nitrogen just after the buds have formed. In this simple sample program we will use dried blood. Scatter it between the rows at least a foot from the base of the plant at the rate of about two pounds for each one hundred square feet. Cultivate it into the soil and water well. This application may be repeated

in three or four weeks, but no more than two applications should be given. Properly fertilized plants are less susceptible to attacks of diseases and insects.

We have found that dusting sulphur (300 mesh) applied to the under side of the leaves with a dusting gun or sprayer is an effective control for a number of insects especially leaf hoppers and red spider. In our gardens we use no other spray material. If insects are taking their toll in your garden have your local seedsman recommend a spray material for your special problem. Many insects are discouraged from attacking a plant covered with a white dust whether it is a poison or just a harmless substance such as flour. Mildew in the late fall can be absolutely prevented by one application of "dusting sulphur" applied to the under sides of the lower leaves. Use a dust gun of some sort and do the dusting early in the morning when the dew is on the leaves. About September 1st is the time to make this application.

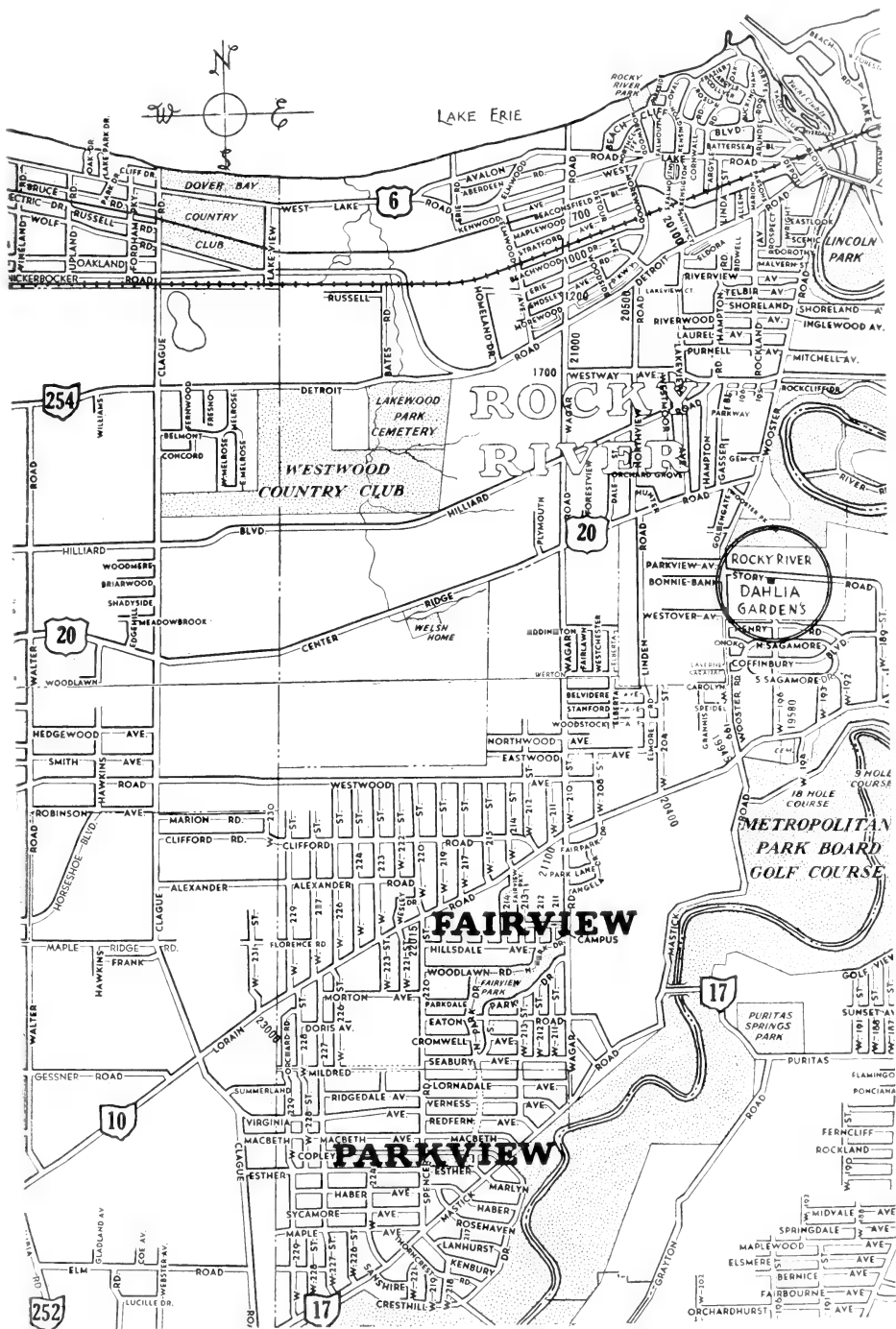
Large specimen blooms are the result of systematic dis-budding and dis-branching. After the buds appear it will be noted that they usually come in clusters of three. The one in the center is generally the strongest. Remove the other two and the effort that the plant would expend in producing flowers from them goes to the terminal bud which is left. The next two or three sets of branches (at each leaf below the terminal bud) may also be removed, further increasing the size of the bloom to be produced. Be sure, however, that at least one set of branches is left to produce the next flowers.

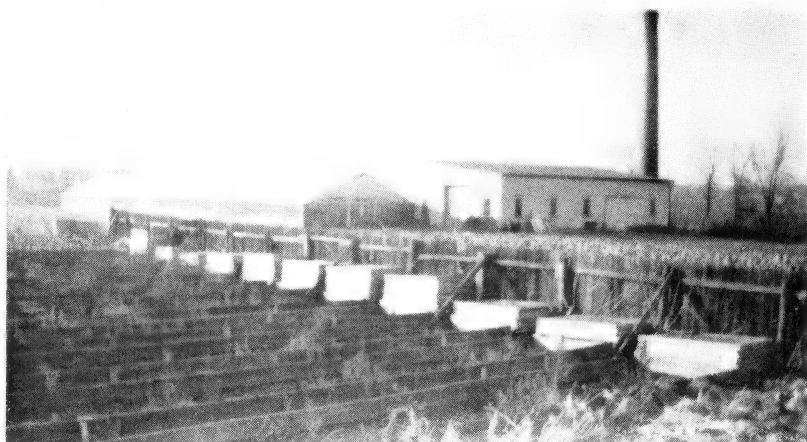
Many varieties have a tendency to grow straight up with but a single stalk. If a bushy plant is desired pinch out the top of the plant when it is about eighteen inches tall. Other varieties may produce too many branches in which case some may be cut out. Plants which have been pinched out may be dis-budded as per instructions above.

After the frost has destroyed the plants in the fall cut the stalk off at the ground. An ordinary saw is fine for this. If possible leave the clump in the ground for a week or ten days before digging. A long tinned fork is best for digging the clumps. Be careful not to break or even strain the necks of the tubers. One person with a fork on each side of the clump to be dug can lift the clump out with less damage. Do not leave the clumps exposed to the sun or wind for more than a few minutes. If the clumps are too moist to store at once dry them off a bit in the shade or basement. Cut the stalk off to within a couple of inches of the crown. This largely helps to prevent stem rot later. Store the clumps in containers well lined with newspaper to keep out the air as much as possible. Keep the containers in a cool frost-proof basement. After the clumps have been stored for three or four weeks examine them for stem rot or other decay. If decay has set in leave them exposed to the air for a day. Splitting the clumps in two will help prevent stem rot. Trim out any decayed parts and dust with sulphur. A little sulphur sprinkled over the clumps when they are put in the containers will prove beneficial. If the clumps show signs of shrivelling moisten them with a little water and add more covering.

The clumps may be divided at any time but it is best to wait until the eyes or sprouts show distinctly. Never plant the entire clump. For best results divide it so that there is but one sprout to each division. Usually good clumps will average four or more divisions.

We will be glad to answer any further questions regarding these or any other phases of dahlia culture. OUR SERVICE DOES NOT END WITH THE SALE.





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